

How to change rear wheel bearing on Opel Zafira B A05 – replacement guide

 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
OPEL ASTRA H (A04) 1.8 (L48), OPEL ASTRA H CLASSIC Estate (A04) 1.8 (L35), OPEL ASTRA H CLASSIC Saloon (A04) 1.8 (L69), OPEL ASTRA H Estate (A04) 1.8 (L35), OPEL ASTRA H GTC (A04) 1.8 (L08), OPEL ASTRA H Saloon (A04) 1.8 (L69), OPEL ASTRA H TwinTop (A04) 1.8 (L67), OPEL ZAFIRA / ZAFIRA FAMILY B (A05) 1.8 (M75), OPEL ZAFIRA / ZAFIRA FAMILY B (A05) 1.8 LPG (M75), OPEL ZAFIRA B Van (A05) 1.8 (M75)

The steps may slightly vary depending on the car design.



REPLACEMENT: WHEEL BEARING – OPEL ZAFIRA B A05. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- All-purpose cleaning spray
- Copper grease
- Combination spanner #11
- Combination spanner #13
- Combination spanner #17
- Drive socket # E8
- Drive socket # 11
- Drive socket # 13
- Drive socket # 16
- Drive socket # E20
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Brake hose clip
- Brake bleeder kit
- Crow bar
- Wheel chock

Replacement: wheel bearing – Opel Zafira B A05. AUTODOC recommends:

- Do not re-use the bearing assembly of your Opel Zafira B A05 car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Warning! Shut down the engine before starting any work – Opel Zafira B A05.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

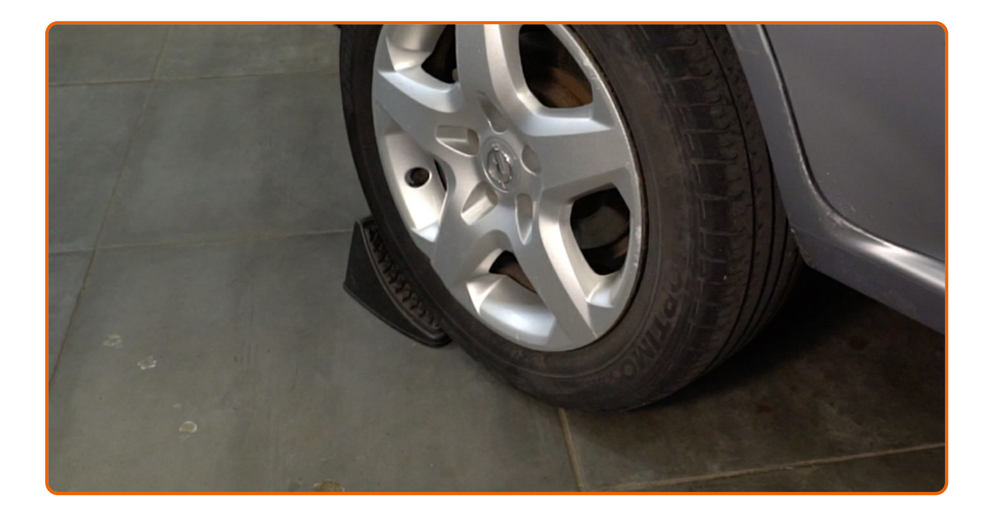
1



Open the bonnet. Unscrew the brake fluid reservoir cap.



2



Secure the wheels with chocks.

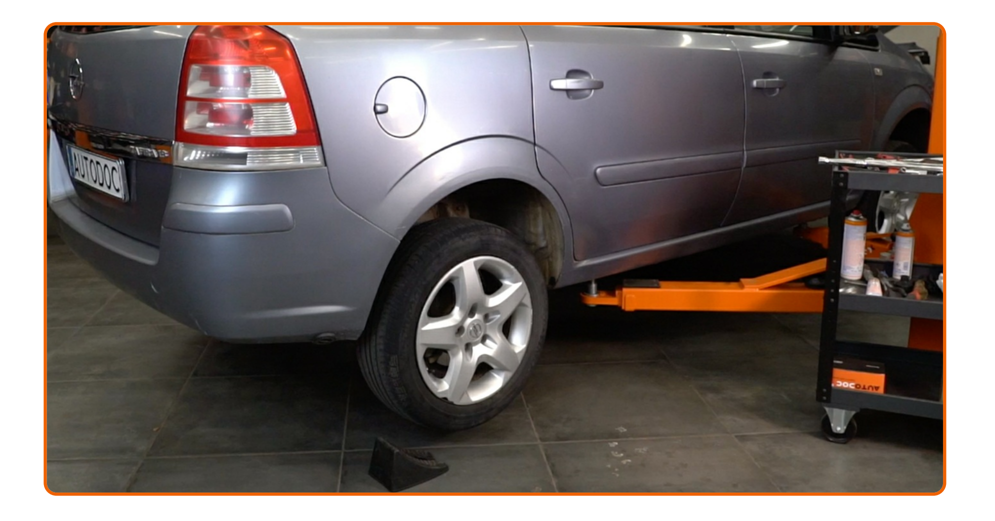
3



Loosen the wheel mounting bolts. Use wheel impact socket #17.



4



Raise the rear of the car and secure on supports.

5



Unscrew the wheel bolts.

Replacement: wheel bearing – Opel Zafira B A05. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6



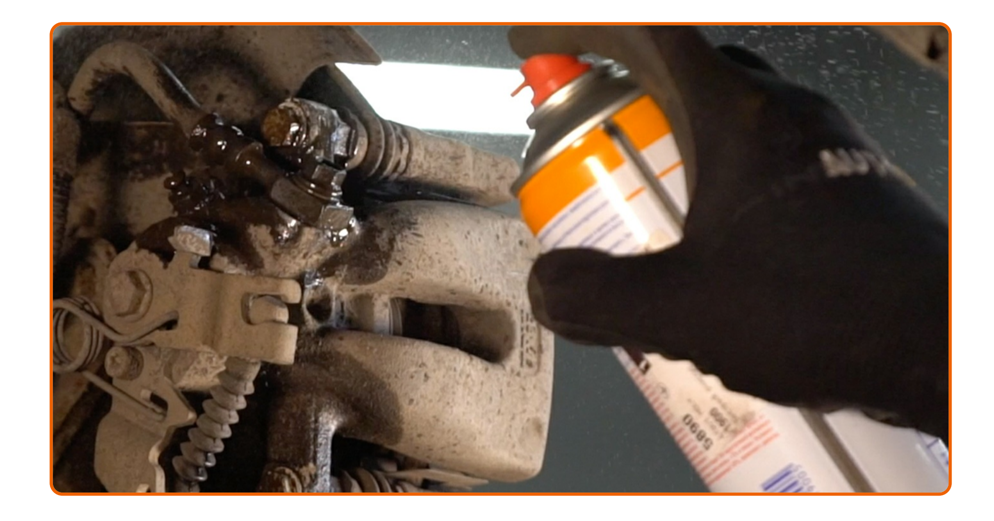
Remove the wheel.

7



Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8



Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

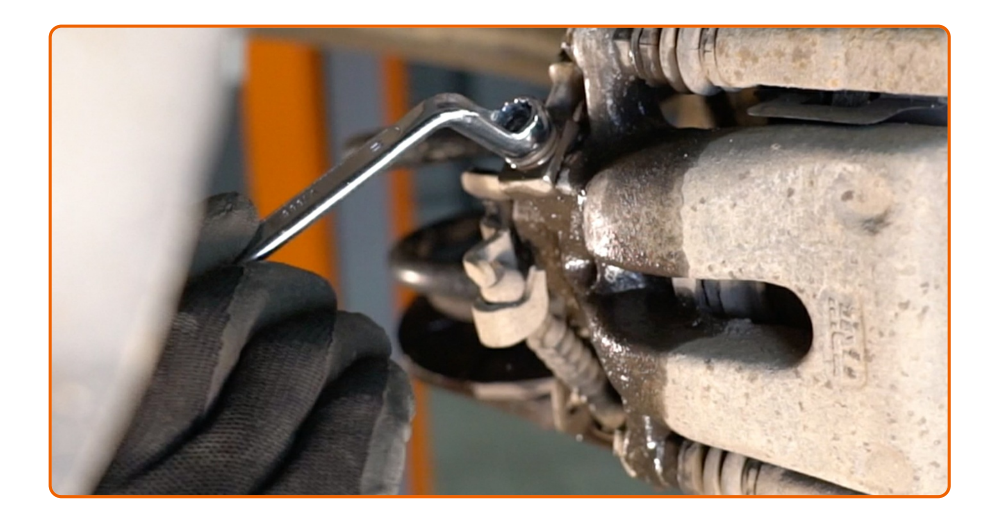
- Replacement: wheel bearing – Opel Zafira B A05. After applying the spray, wait a few minutes.

9



Clamp the brake hose off using a brake hose clamp.

10



Unscrew the brake hose from the brake caliper. Use a combination spanner #11.

11



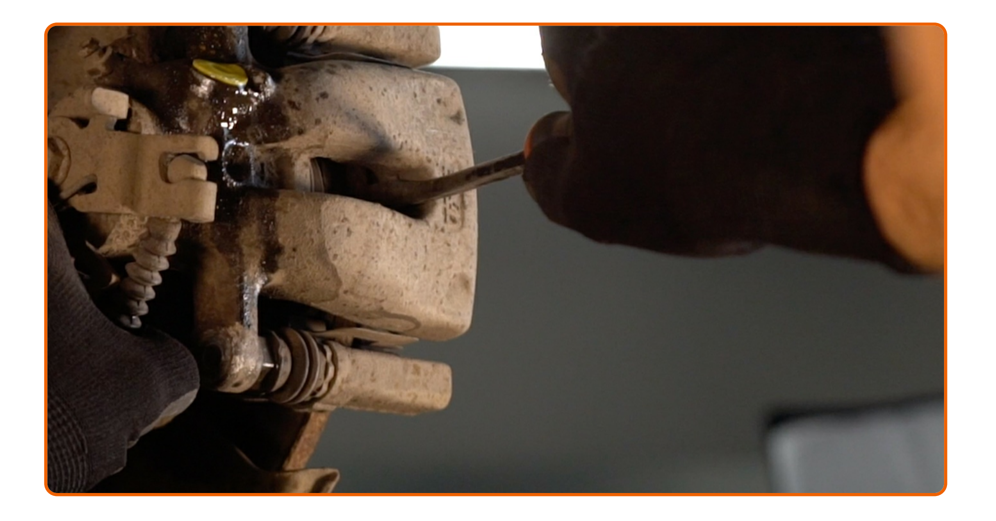
Disconnect the brake hose.

12



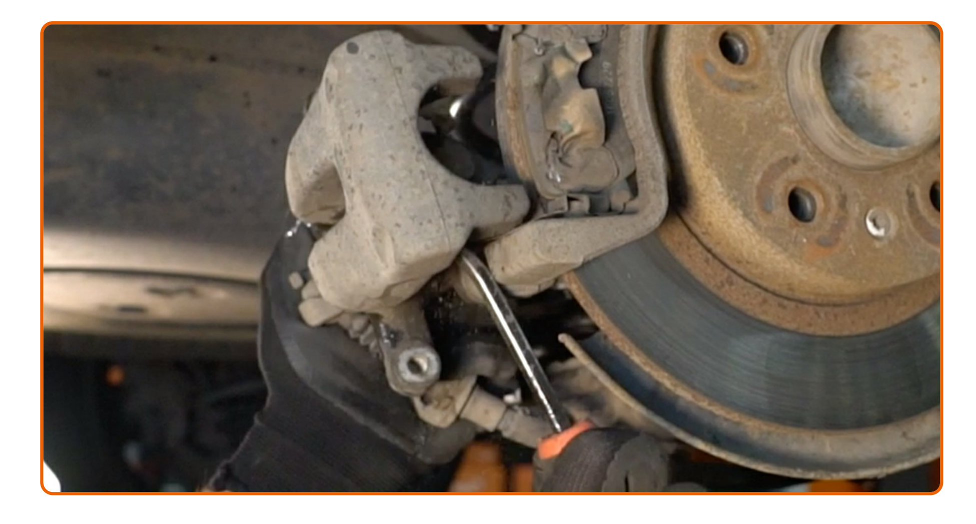
Unscrew the brake caliper fastening. Use a combination spanner #13.

13



Spread the brake pads. Use a crowbar.

14



Remove the brake caliper. Use a crowbar.

Replacement: wheel bearing – Opel Zafira B A05. AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

15



Remove the brake pads. Use a crowbar.

16



Clean the brake caliper bracket fasteners. Use a wire brush. Use a brake cleaner.

Replacement: wheel bearing – Opel Zafira B A05. Professionals recommend:

- After applying the spray, wait a few minutes.

17



Unscrew the caliper bracket fastening. Use a drive socket #E20. Use a tap wrench.

18



Remove the caliper bracket.

19



Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

20



Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.

21



Remove the brake disc.

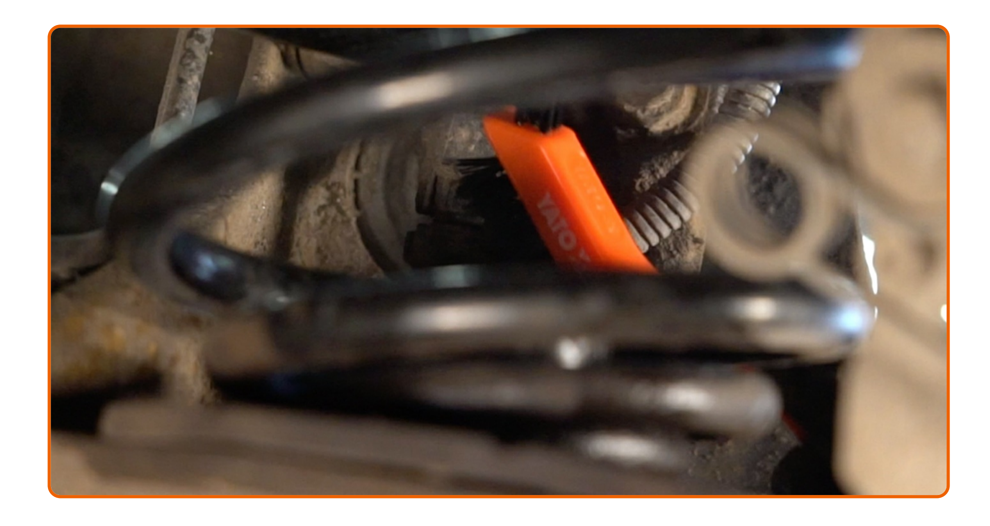
Replacement: wheel bearing – Opel Zafira B A05. Tip from AUTODOC:

- If necessary, use a rubber mallet.

22

Disconnect the ABS sensor wiring.

23



Clean the ABS sensor connector. Use a wire brush. Use all-purpose cleaning spray.

24



Detach the ABS sensor connector. Use a crowbar.

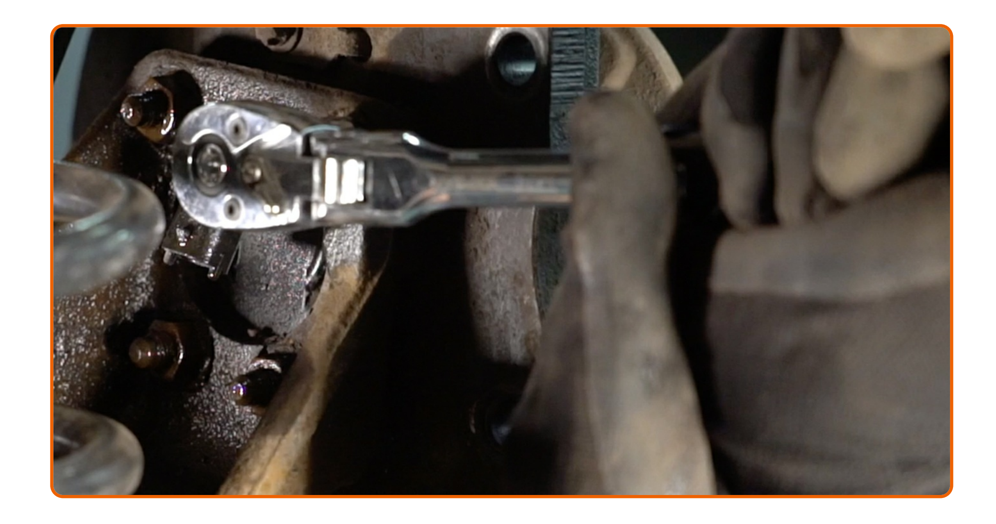


25



Clean the fasteners of the wheel hub bearing. Use a wire brush. Use WD-40 spray.

26



Unscrew the hub bearing mounting. Use a drive socket #16. Use a ratchet wrench.

27



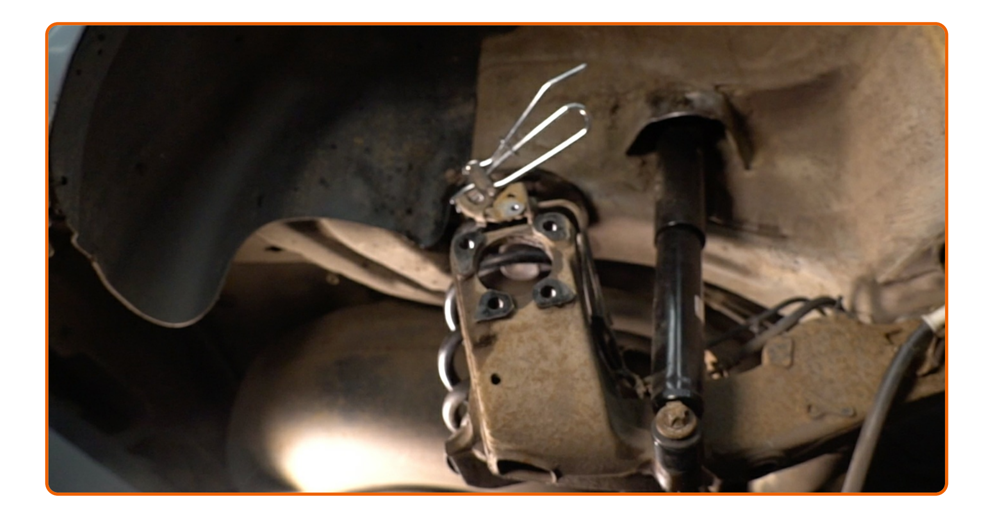
Treat the fasteners of the wheel hub bearing. Use WD-40 spray.

28



Unscrew the bolt and remove the mounting bracket of the brake hose and the ABS cable.
Use a drive socket #E8. Use a ratchet wrench.

29



Remove the hub and the bearing together, since they are a sealed unit.

30



Remove the brake disc cover.

31



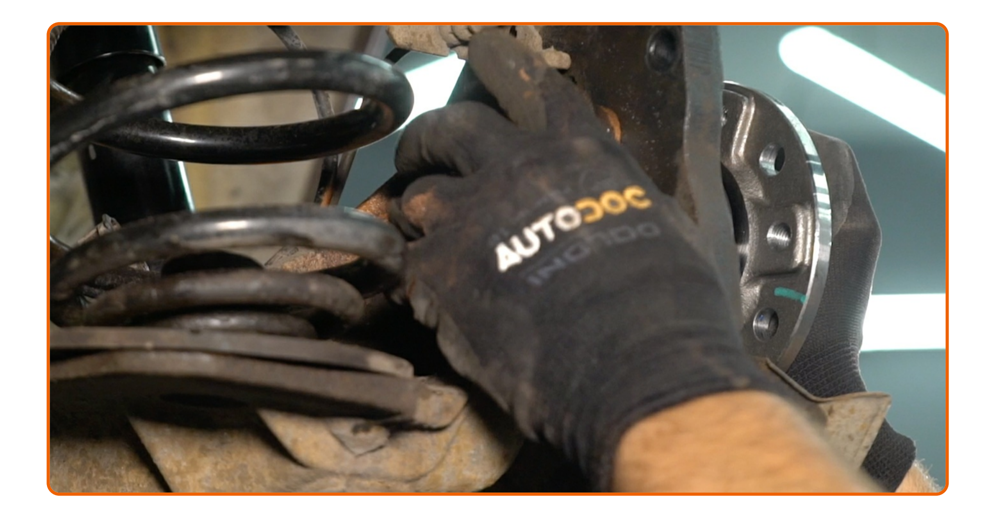
Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.

32



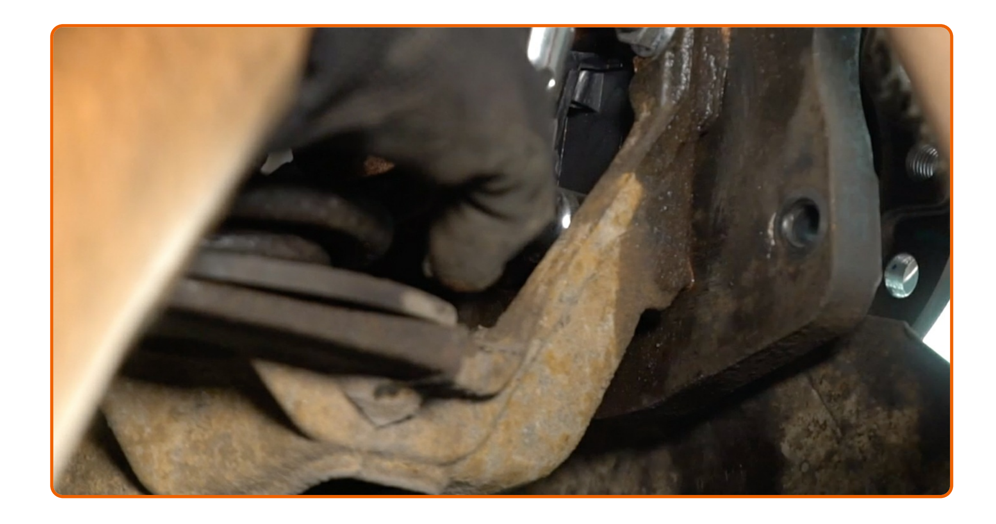
Install the brake disc cover.

33



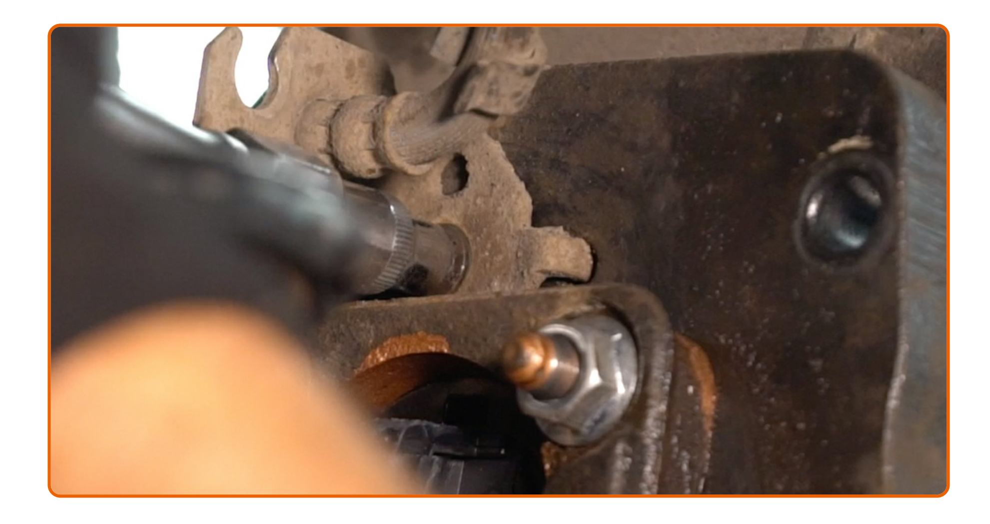
Install the new wheel hub with a bearing.

34



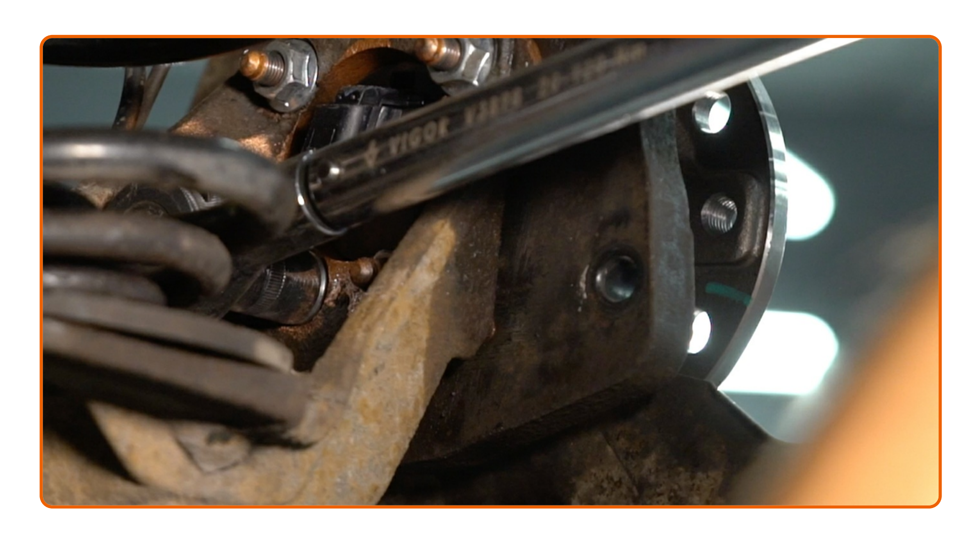
Tighten the wheel hub bearing fasteners. Use a drive socket #16. Use a ratchet wrench.

35



Install the mounting bracket of the brake hose and the ABS cable. Use a drive socket #E8. Use a ratchet wrench.

36

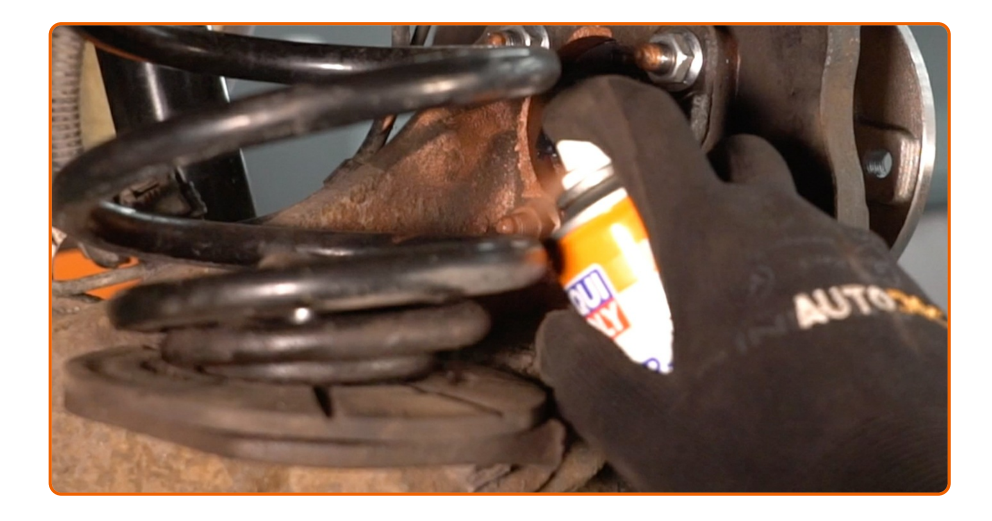


Tighten the fastener of the wheel hub bearing. Use a drive socket #16. Use a torque wrench. Tighten it to 78 nm torque.

Replacement: wheel bearing – Opel Zafira B A05. Tip from AUTODOC experts:

- The wheel bearing unit must not tilt on the axle pin.

37



Treat the fasteners of the wheel hub bearing. Use copper grease.

38



Attach the ABS sensor connector.

39

Connect the ABS sensor wiring.

40



Treat the hub where it contacts the brake disk. Use copper grease.

41



Install the brake disc.

42



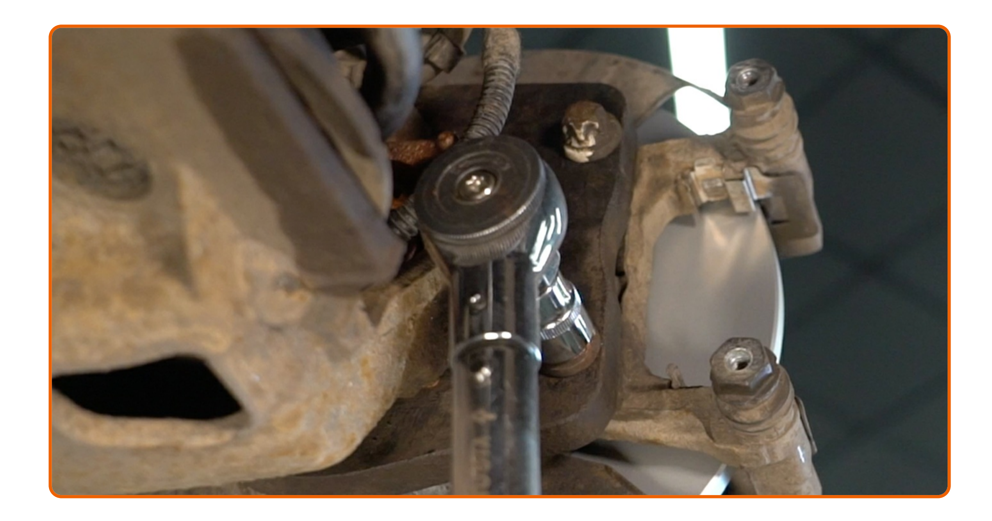
Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.

43



Install the brake caliper bracket.

44



Tighten the brake caliper bracket. Use a drive socket #E20. Use a torque wrench. Tighten it to 75 Nm torque.

45



Install the brake pads.

46



Install the brake caliper and fix it.

47



Tighten the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



48



Treat the brake hose. Use a brake cleaner.

AUTODOC recommends:

- Replacement: wheel bearing – Opel Zafira B A05. After applying the spray, wait a few minutes.

49



Attach the brake hose.

50



Tighten the brake hose fastener. Use a drive socket #11. Use a torque wrench. Tighten it to 13 Nm torque.

51



Remove the brake hose clamp.

52

Clean dirt from the brake hose bolt. Use a wire brush. Use a brake cleaner.

Replacement: wheel bearing – Opel Zafira B A05. Tip from AUTODOC experts:

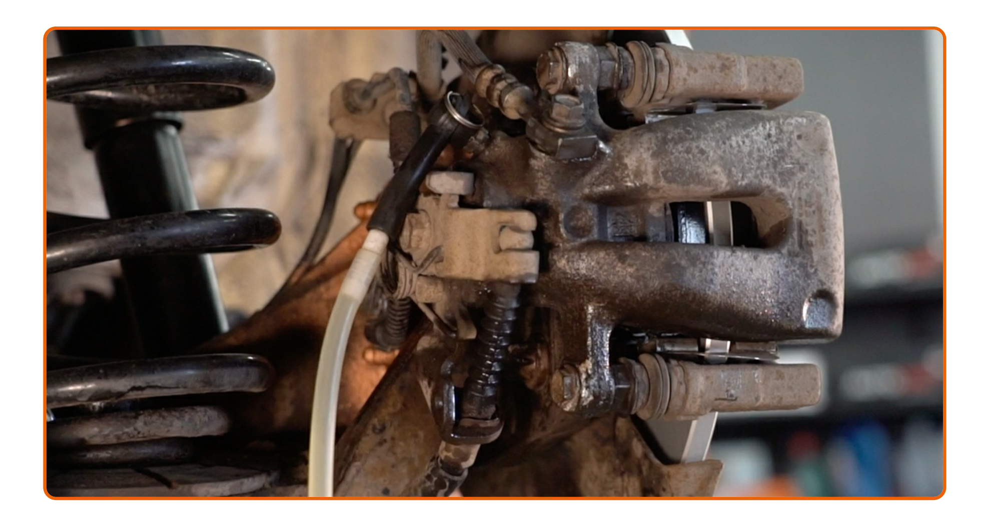
- After applying the spray, wait a few minutes.

53



Undo the brake bleeder screw. Use a drive socket #11. Use a ratchet wrench.

54



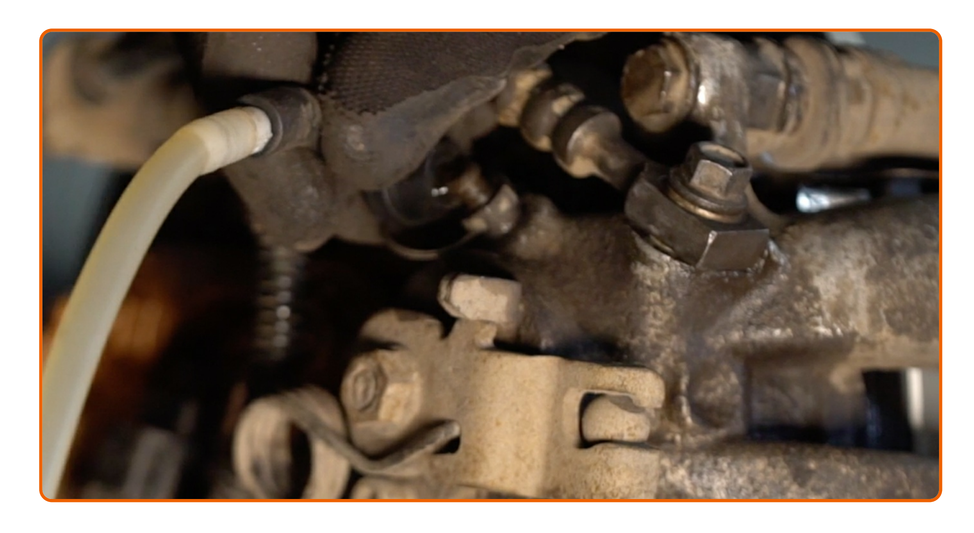
Connect the brake bleeder kit to the brake bleeder screw.

55



Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.

56



Disconnect the brake bleeder kit.

57



Tighten the brake bleeder screw. Use a drive socket #11. Use a ratchet wrench.

58

Tighten the brake caliper bleed screw. Use a drive socket #11. Use a torque wrench. Tighten it to 25 Nm torque.

59



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

60



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: wheel bearing – Opel Zafira B A05. After applying the spray, wait a few minutes.

61



Install the wheel.



Replacement: wheel bearing – Opel Zafira B A05. Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

62



Screw in the wheel bolts. Use wheel impact socket #17.

63



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

64



Remove the jacks and chocks.

AUTODOC recommends:

- Important! Replacement: wheel bearing – Opel Zafira B A05. Check the brake fluid level in the reservoir and top up if necessary.

65



Tighten the brake fluid reservoir cap.



66



Close the hood.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



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